

**SUGARCANE GROWTH MEASUREMENT DATA
USDA-ARS, SRRC, SUGARCANE RESEARCH UNIT
ARDOYNE FARM, HOUma, LOUISIANA**

Growth Measurement No. 2

Growth from 4/5/05 to 4/12/05

Average growth (inches) this week Plant-Cane

LCP 85-384.....	0.20
Ho 95-988	0.10
HoCP 96-540.....	0.15
L 97-128	0.05

Average growth (inches) this week 1st-Stubble

LCP 85-384.....	0.20
Ho 95-988	0.40
HoCP 96-540.....	0.30
L 97-128	0.60

Average height (inches) to date Plant-Cane

LCP 85-384.....	3.25
Ho 95-988	5.25
HoCP 96-540.....	4.25
L 97-128	5.70

Average height (inches) to date 1st-Stubble

LCP 85-384.....	4.05
Ho 95-988	4.00
HoCP 96-540.....	5.45
L 97-128	6.00

Average height in inches

YEAR	HoCP 96-540		LCP 85-384	
	PLANT-CANE	1 ST -STUBBLE	PLANT-CANE	1 ST -STUBBLE
2005	4.3	5.5	3.3	4.1
2004	4.3	4.5	2.8	3.0
2003			2.2	3.0
2002			3.0	3.2
2001			3.6	4.7
2000			3.9	4.5
1999			3.6	6.4
1998			2.0	4.7
1997				
1996				

SOIL MOISTURE and CLIMATOLOGICAL DATA*

	<u>6"</u>	<u>12"</u>	<u>18"</u>	<u>Temp</u>
Min	0.5	2.5	9.3	52.6
Max	18.5	10.8	27.5	83.9
Mean	22.4	7.4	12.4	69.5

Rainfall total for week (inches).....1.3"

Rainfall total for year (inches)..... 18.31"

* Temperature, rainfall records, and soil moisture from Ardoyne Farm.

Soil moisture ranges from 0 cbars (saturated) to 200 cbars (dry).